

ABSTRACT OF THE DISCLOSURE

A vertical take off and landing aircraft toy has a fuselage with a plurality of fins and a rotor assembly. The rotor assembly may be driven by an electric motor, powered by a battery, an air motor powered by compressed air, or a gasoline engine, radio controlled in each
5 case to control the speed of the motor. The rotor assembly includes a head portion coupled to the motor output shaft, a central hub coupled to the head portion, and a pair of airfoil blades. The head portion allows pivoting of the central hub about an axis generally aligned with the axis of the blades, while the blades are pivotable with respect to the central hub about an orthogonal axis. The fins on the fuselage resist counterrotation of the fuselage with respect to
10 the rotation of the blades; alternatively, a pair of counterrotating blades may be provided.